



# What Does Effective Prevention Look Like?

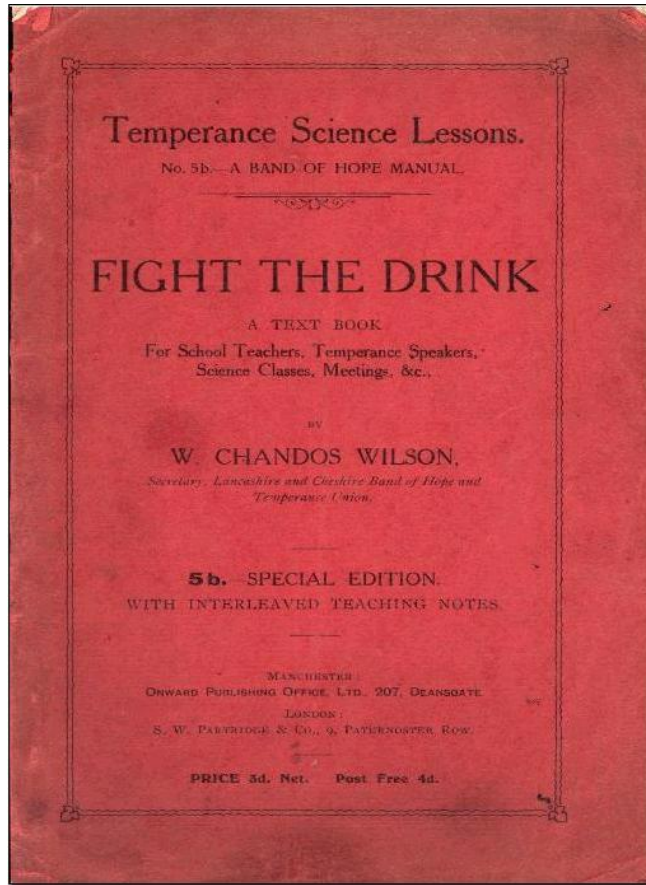
*A Day For Prevention*  
*Bismarck, ND*

Rodney A. Wambeam, PhD

# In Gaithersburg, Maryland, Really?



# Scientific Temperance Instruction



“A thorough text-book study of Scientific Temperance in public schools as a preventive against intemperance.”

- Mary Hunt

# Real Population Level Policy Outcomes

- Alcohol-related death rates decreased from 14.8 to 7.1 per 100,000 people ↓
- Alcohol consumption rates dropped from 2.6 gallons to less than 1 gallon a year ↓
- More wages flowed into savings accounts and spent on family necessities ↑

# What Do Researchers Say

## Public Health

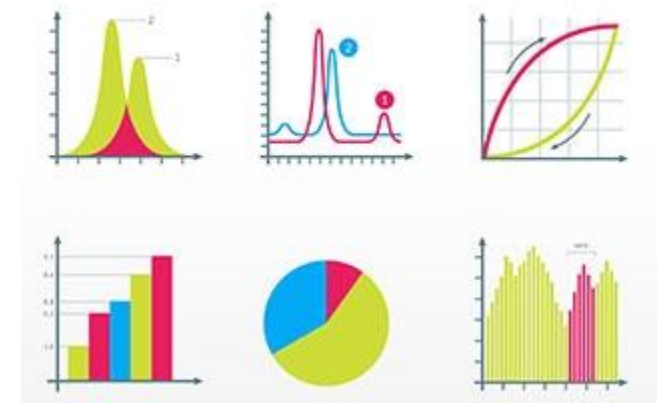


## Strategic Prevention Framework

## EBPs



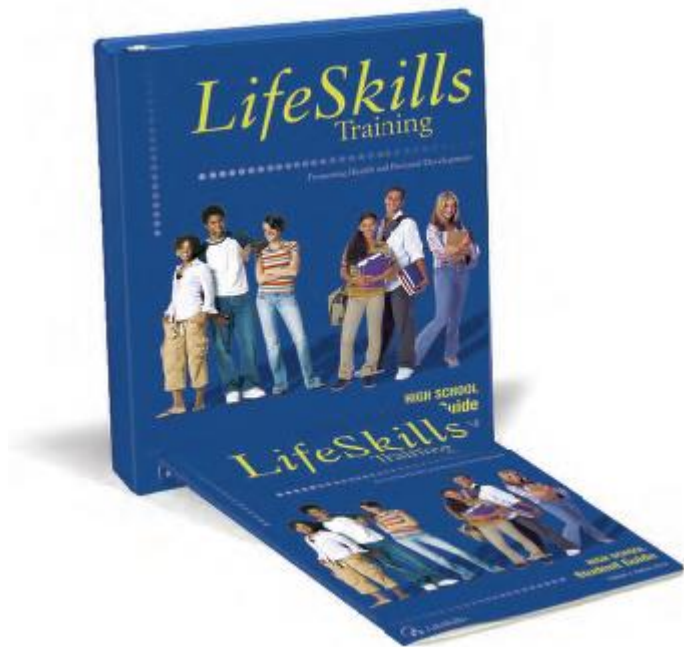
## Coalitions



## Local Data



# Individual Level Strategies Can Work



# Environmental Strategies Can Work

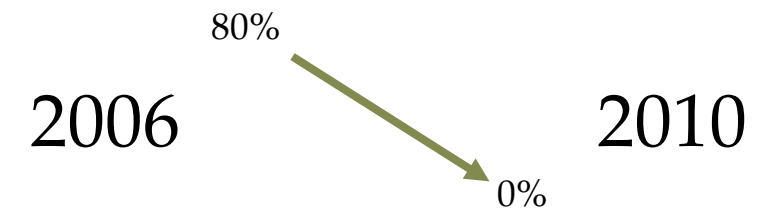


# Johnson County, Wyoming

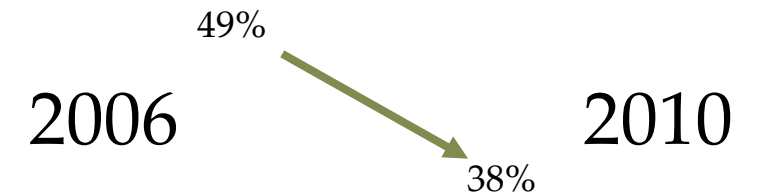


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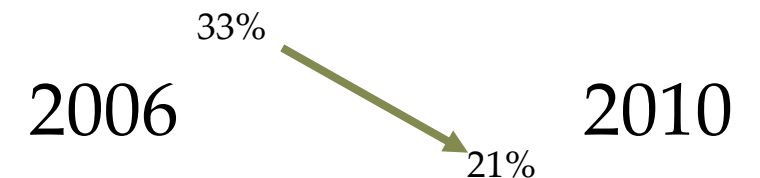
Compliance Check Failure Rate



12<sup>th</sup> Grade Past Month Use



12<sup>th</sup> Grade Binge Drinking





# North Coastal Prevention Coalition

1999 to 2009

NCPC Schools

South Comparison  
Schools



0.3%

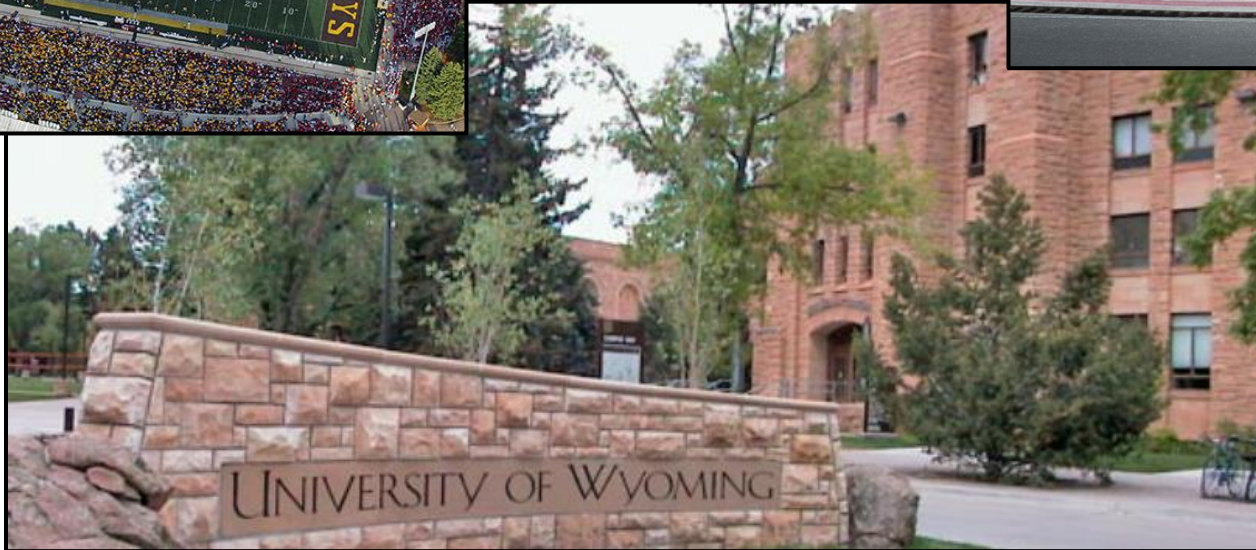


5.8%

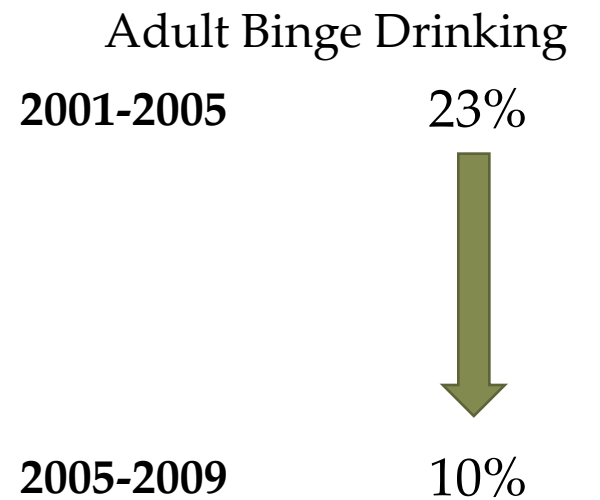
Past Month Marijuana Use



# Laramie, Wyoming

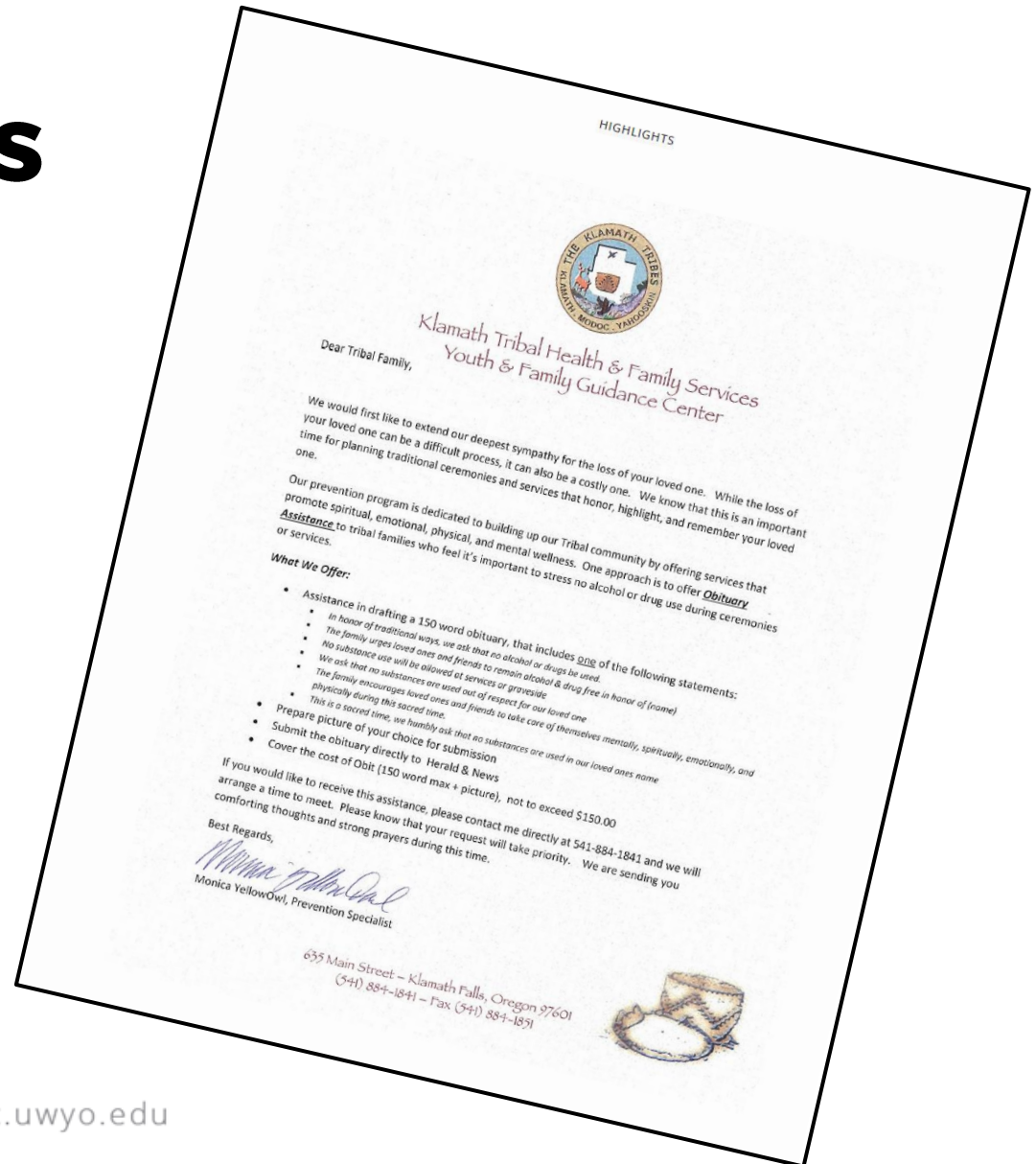


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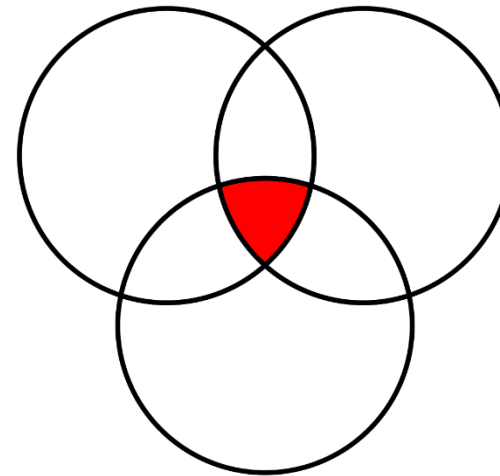


# The Klamath Tribes



# Essential Steps/Commonalities

1. They understood their local conditions and data
2. They worked collaboratively and comprehensively
3. They changed culture





# Culture Matters

“Different societies not only have different sets of beliefs and rules about drinking, but they also show very different outcomes when people do drink...”

- D.B. Heath, *Sociocultural Variants in Alcoholism*





# Thank You!

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